

FluorescentBox

5-ALA, Fluorescein and ICG fluorescence for vascular and oncological neurosurgery



FluorescentBox is the most comprehensive and accurate simulator designed to visualize the 3 main fluoroscences used in neurosurgery. It contains a wide array of anatomical and pathological structures to explore. Plus, it is infinitely reusable.



Compatible with Standard Navigation

Upload the MRI scan on the navigator and start navigating the Box.

*Contact us at support@upsurgeon.com to check the compatibility of your Navigation technology.



Augmented Reality App

Get the Neurosurgery App to explore cases, navigate 3D models, and utilize Augmented Reality on the Box to strategize your procedure.



Mobile Navigation Available

Get the Neurosurgery App, connect the magnetic probe to your smartphone, and navigate the Box through the MRI.

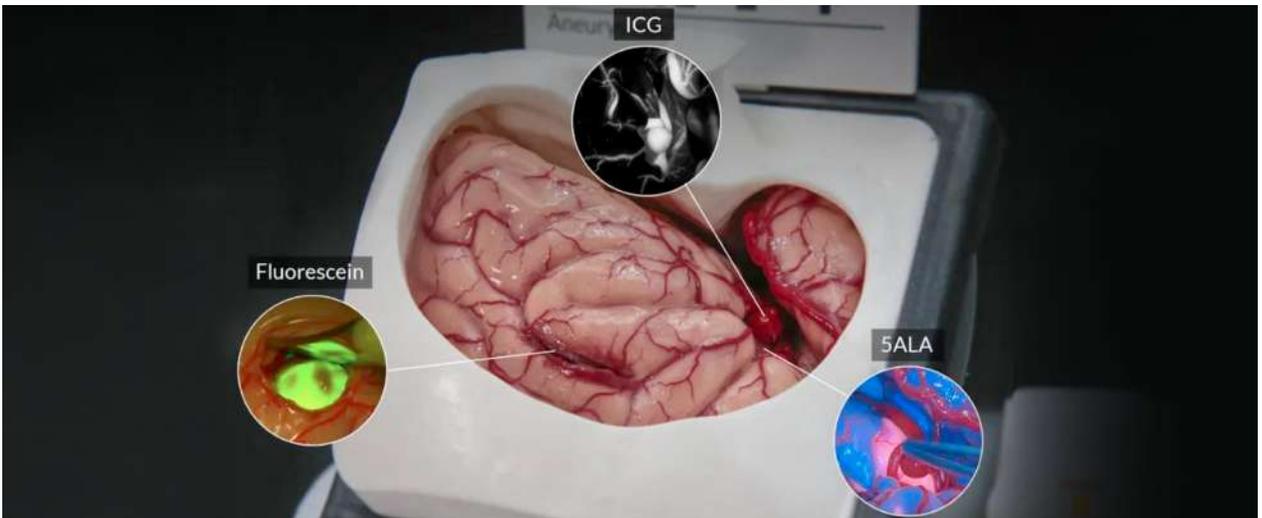


Disposable Parts

Designed to provide infinite training, disposable parts are intended to be used with the Box and replaced to keep track of your training.

The highest level of detail

7 cases: Fluorescent Brain Aneurysms and Tumors



ICG

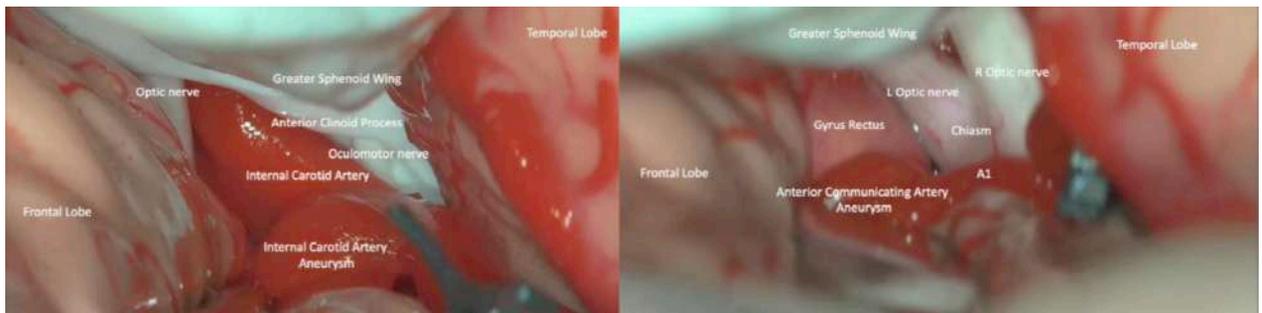
- Case 1: Middle Cerebral Artery Aneurysm
- Case 2: Basilar Tip Aneurysm
- Case 3: Carotid Bifurcation Aneurysm
- Case 4: Anterior Communicating Artery Aneurysm
- Case 5: Posterior Communicating Artery Aneurysm

5-Ala

- Case 6: Insular Low-Grade Glioma

Fluorescein

- Case 7: Frontal High-Grade Glioma



Scientific 3D Modeling: this is how we created the most accurate simulation ever.

In this simulator you can see all the following neuroanatomical structures (in addition to pathologies):

- II: Optic Nerve
- ICA: Internal Carotid Artery
- ACA: Anterior Cerebral Artery
- A1: First segment of ACA
- AComA: Anterior Communicating Artery
- Basilar Tip
- MCA: Middle Cerebral Artery
- III: Oculomotor Nerve
- PComA: Posterior Communicating Artery
- PCA: Posterior Cerebral Artery
- Insula
- Optic Chiasm
- Ophthalmic Artery
- Pituitary Stalk
- Perforating Arteries
- Lamina Terminalis
- Heubner Artery (origin)

Neurosurgery App



Mobile/Standard Navigation

Use the NavigationPen included with the Neurosurgery App for mobile neuronavigation. Alternatively, use the NavigationFrame or the NavigationHead (sold separately) along with the included MRI, for standard neuronavigation.



Augmented Reality

FluorescentBox works with an *Augmented Reality* app to provide a 360° training experience.

Frame the QR Code and download **Neurosurgery App** for **Google Play** and **Apple Store**.

Craniotomies with Disposable Skulls

Perform craniotomies, dural openings, and reconstructions using disposable Pterional skulls. Afterwards, replace the skull and restart as many times as needed.



What is included

- Navigation tool
- AR Marker for Navigation
- A white base for patient positioning and Craniotomy procedures
- Surgical tools: 1 Clips Applicator, 4 Clips (different shapes), 1 Spatula and 1 Bayonet
- Arteries with ICG, Glioma with 5ALA, Glioma with Fluorescein
- AR Aneurysm Marker for your Hybrid Training with Neurosurgery App
- Lubricant

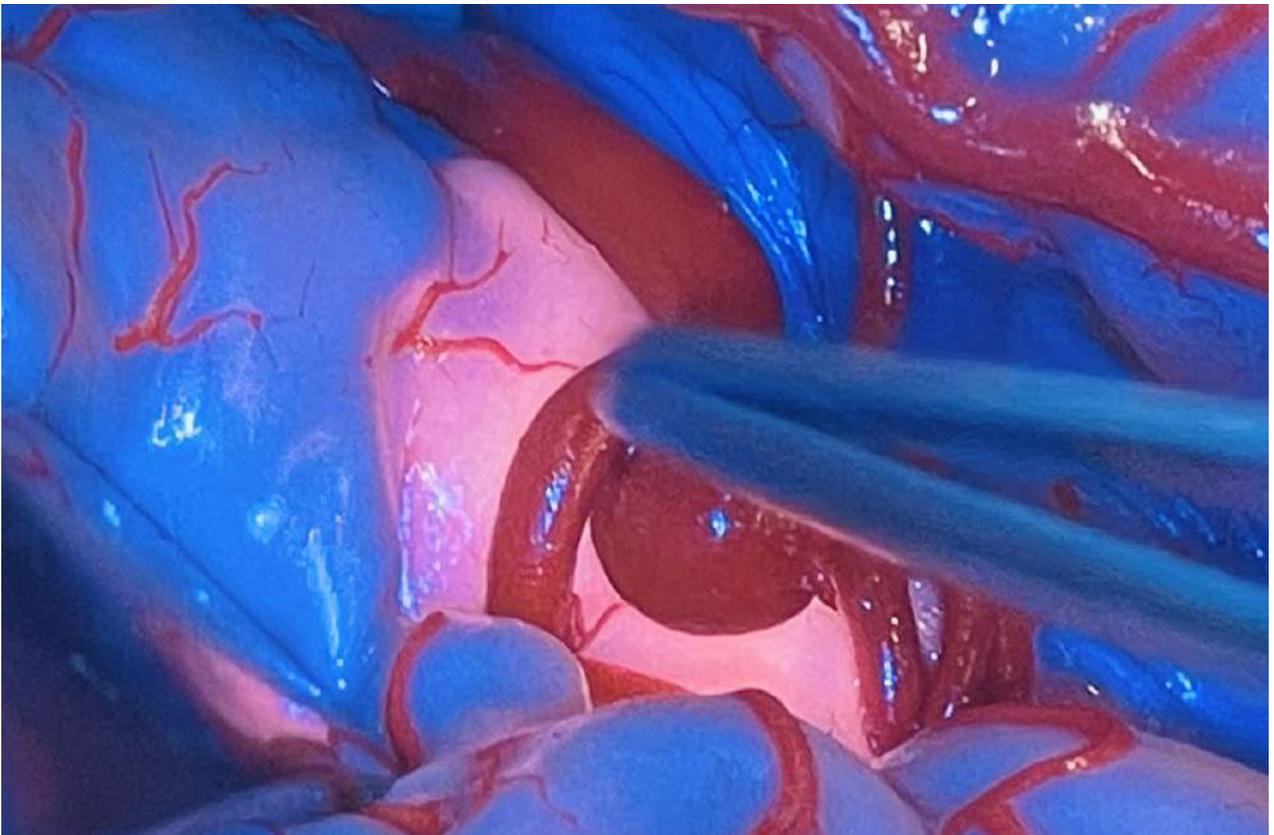


General warnings

THIS PRODUCT CONTAINS METAL MAGNETS: DO NOT PUT IT INTO A MAGNETIC RESONANCE SCANNER AND DO NOT USE IT WITH ANY MACHINE THAT WORK WITH ELECTROMAGNETS

- Adult assembly required
- Never leave children unattended with the box
- Never put hot liquids above the tools
- Never put chemical substances above the tools
- Wash with water, do not use chemical products
- Keep the product away from any heat source

All materials used to produce UpSurgeOn products are certified, safe and non-toxic. Use of gloves, protective glasses and mask is always suggested to maintain the cleanliness of the simulator and the tools, and as a standard practice during each simulation. Wearing safety equipment is mandatory in the use of drilling simulation.



Reach out to us

If you wish to acquire further information, please contact us at the following contact details according to your country of origin.

Europe

excluding UK & Ireland

UpSurgeOn

upsurgeon.com
info@upsurgeon.com

USA, UK & Ireland

Inovus Medical

inovus.org
info@inovus.org

Mexico

Aritmedica

aritmedica.com.mx
artimedica@artimedica.com.mx

Brasil

Spinetech

spinetech.com.br
mozart@spinetech.com.br

Saudi Arabia

Anfas Medical

anfasmedical.com
mabulaila@anfasmedical.com

Hong Kong

Montsmed

montsmed.com
timothykong@montsmedhk.com

South Korea

C.M. Blue

cmblue.co.kr
thjosephkim@cmblue.co.kr

Rest of the world

UpSurgeOn

upsurgeon.com
info@upsurgeon.com

Follow UpSurgeOn

UpSurgeOn is a hi-tech company specialized in psychomotor skill augmentation in microsurgeries through the use of bleeding-edge virtual and physical simulation technologies.



Go to website www.upsurgeon.com